Trampoline and Enclosure
User Manual

MODEL: SFT10
Patent Pending

For Consumer Use Only. Not intended for commercial, institutional, or rental purposes.

For Outdoor Use Only

Assembly, Installation, Care, Maintenance, and Use Instructions

WARNING

Read these materials prior to assembling and using this trampoline. Retain for future reference.

USE ONLY UNDER ADULT SUPERVISION

Complies with the requirements of EN913, EN13219, and EN71 1-2-3

WARNING: ADULT ASSEMBLY REQUIRED
SMALL PARTS IN THE UNASSEMBLED STATE

WARNING: CHOKING HAZARD SMALL PARTS
NOT FOR CHILDREN UNDER 3 YEARS

WARNING: **Not recommended for acrobatic movements. Not recommended for children under 6 years of age. User weight should not exceed 220 lbs (100 kgs).**

Tri-ang House, 1-5 Front Street, Middleton on the Wolds, Driffield YO25 9UA Great Britain
Tel: 0871 202 2700 E-mail: Support@triangtoys.com www.duplay.co.uk

Table of Contents

Content	Page
Warranty Information	2
Use Information	3
Care and Maintenance	4
Installation	4
Tools	4
Trampoline Parts	5
Arch Parts	6
Enclosure Parts	7
Ladder Hardware (optional accessory)	7
Trampoline Diagram	7
Trampoline Assembly Instructions	8
Arch Assembly Instructions	14
Enclosure Instructions	23
Folding the arches	27
Access Ladder (optional accessory)	27
Weather cover (optional accessory)	28
Basic Skills	29

READ THIS MANUAL**!**

WARRANTY INFORMATION

Duplay Ltd.

LIMITED TRAMPOLINE WARRANTY

Duplay Ltd. (Duplay) warrants its trampoline product to be free from defects in material and workmanship under normal use and service conditions. The various component parts of the trampoline are warranted against defects and workmanship for one (1) year.

All warranty coverage extends only to the original retail purchaser from the date of purchase. Duplay's obligation under this Warranty is limited to replacing or repairing, at Duplay's option, the part deemed defective.

All Duplay products are guaranteed for 1 year against faulty workmanship. If you have a faulty product within 30 days Duplay will pay for the collection and return of this product, after 30 days it is the customers responsibility to pay for the postage of this item back to Duplay who will either replace or repair the item. If we are unable to repair or replace the item we will refund the original cost. Please note this guarantee does not cover fair 'wear and tear'. Guarantee does not affect your statutory rights.

This Warranty does not extend to any product or damage to a product caused by or attributable to freight damage, abuse, misuse, improper or abnormal usage, or repairs not provided by Duplay, or for products used for commercial, institutional or rental purposes. Duplay authorizes no other Warranty beyond that specifically set forth above.

DUPLAY IS NOT RESPONSIBLE OR LIABLE FOR INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THE PRODUCT OR OTHER DAMAGES WITH RESPECT TO ANY ECONOMIC LOSS, LOSS OF PROPERTY, LOSS OF REVENUE OR PROFITS, LOSS OF ENJOYMENT OR USE, COST OF REMOVAL, INSTALLATION OR OTHER CONSEQUENTIAL DAMAGES. SOME PROVINCES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES. ACCORDINGLY, THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

THE WARRANTY EXTENDED HEREUNDER IS IN LIEU OF ALL OTHER WARRANTIES AND ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE IS LIMITED IN ITS SCOPE AND DURATION TO THE TERMS SET FORTH HEREIN. SOME PROVINCES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS. ACCORDINGLY, THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

This warranty gives you specific legal rights. You may also have other rights, which vary from province to province.

Made and printed in China. Copyright January 2011 Duplay Ltd.

Tri-ang House, 1-5 Front Street, Middleton on the Wolds, Driffield YO25 9UA Great Britain
Tel: 0871 202 2700 E-mail: Support@triangtoys.com www.duplay.co.uk

USE INSTRUCTIONS

⚠WARNING

- Misuse and abuse of this trampoline is dangerous and can cause serious injuries.
- DO NOT attempt or allow somersaults. Landing on the head or neck can cause serious injury, paralysis, or death, even when landing in the middle of the bed.
- Do not allow more than one person on the trampoline. Use by more than one person at the same time increases the chance of injury.
- Use trampoline only with mature, knowledgeable adult supervision.
- Read all instructions before using this trampoline. Warnings and instructions for the care, maintenance, and use of this trampoline are included to promote safe, enjoyable use of this equipment.
- Trampolines over 20 in. tall are not recommended for use by children under six years of age.
- Inspect before use. Keep frame padding in place and avoid stepping on the pads. Make sure the frame padding is correctly and securely positioned. Replace any worn, damaged, defective, or missing parts.
- Climb on and off the trampoline. It is a dangerous practice to jump from the trampoline to the floor or ground when dismounting, or to jump onto the trampoline when mounting. Do not use the trampoline as a springboard to other objects. Do not jump from a balcony, trees, etc. onto the trampoline.
- Stop bounce by flexing knees as feet come in contact with the bed. Learn this skill before attempting others.
- Learn fundamental bounces and body positions thoroughly.
- Avoid bouncing too high. Stay low until bounce control and repeated landing in the center of the trampoline can be accomplished. Control is more important than height.
- While keeping the head erect, focus eyes on the perimeter of the trampoline. This will help control bounce.
- Bounce in the center of the bed.
- Only for home use. Secure the trampoline against unauthorized use.
- Avoid bouncing when tired. Keep turns short.
- Do not intentionally jump into or rebound off of the enclosure net. Do not hang from the enclosure support frames.
- Properly secure the trampoline when not in use. Protect it against unauthorized use. If a trampoline ladder is used, the supervisor should remove it from the trampoline when leaving the area to prevent unsupervised access by children under 6 years of age.
- Keep objects off the trampoline that could interfere with the user. Maintain a clear area around the trampoline and adequate overhead clearance. No people or obstructions are allowed beneath the trampoline.
- Do not use the trampoline while under the influence of alcohol, drugs or while smoking. Do not jump with anything in the mouth.
- For equipment information about the trampoline, contact the manufacturer.
- For skill training information, contact a certified trampoline instructor.
- Bounce only when the surface of the bed is dry. Wind or air movement should be calm to gentle. The trampoline must not be used in gusty or severe winds or in the dark.
- Wear clothing free of drawstrings, hooks, loops or anything that could get caught. Remove glasses, jewelry, and watches. Empty all pockets.
- Do not attach anything to the unit that is not a manufacturer-approved accessory.
- It is the responsibility of the owner of the trampoline to ensure that all supervisors and users are adequately informed of all warnings and safety instructions.
- Pregnant women, people with spine damage, organ damage, ankle injuries and joint problems are prohibited from jumping.
- Jumping barefoot or with socks doesn't provide good traction. Soft rubber-soled tennis shoes offer good traction. Ensure no sharp objects are lodged in the sole that could damage the bed.
- Adult assembly is required.
- Warning! Keep away from fire!
- Weight limit of trampoline user should not exceed 100 kgs (220 lbs) for the 10 foot model.

Tri-ang House, 1-5 Front Street, Middleton on the Wolds, Driffield YO25 9UA Great Britain Tel: 0871 202 2700
E-mail: Support@triangtoys.com www.duplay.co.uk Copyright Jan 2011 All rights reserved Printed in China

CARE AND MAINTENANCE

1. Inspect the trampoline before each use and replace any worn, defective, or missing parts. The following conditions could represent potential hazards:
   a. Missing, improperly positioned, or insecurely attached frame padding.
   b. Punctures, frays, tears, or holes worn in the bed or frame padding.
   c. Deterioration in the stitching or fabric of the bed or frame padding.
   d. Ruptured springs.
   e. A bent or broken frame.
   f. A sagging bed.
   g. Sharp protrusions on the frame or suspension system.
2. Ensure the jumping surface is clean and clear of any foreign objects. Cleaning of the jumping surface can be accomplished with soap and water.
3. Always replace any springs that might be stretched out of shape or ruptured.
4. Tennis shoes or gymnastic slippers are recommended for better traction on the bed. Do not wear shoes that could damage the bed material or that do not provide proper traction.
5. The players should remove all objects from their person to avoid injury to themselves or damage to the unit.
6. This unit is designed for year-round use. However, in climates where the weather may be extreme, we recommend the unit be protected. High winds can blow a trampoline about and damage it. Anchoring the tramp may prevent this.
7. Ensure all netting is properly positioned and secured to the support system.
8. Ensure all tubes and trampoline legs are fully and properly inserted prior to each use.

INSTALLATION

1. Adequate overhead clearance is essential. A minimum of 24 ft from ground level is recommended. Provide clearance for wires, tree limbs, and other possible hazards.
2. Lateral clearance is essential. Place the trampoline away from walls, structures, fences, and other play areas. Maintain a clear space on all sides of the trampoline.
3. Place the trampoline on a level surface before use.
4. Use the trampoline in a well-lit area. Artificial illumination may be required for indoor or shady areas.
5. Remove any obstructions from beneath the trampoline.
6. Secure the trampoline against unauthorized and unsupervised use.
7. The owner and supervisors of the trampoline are responsible to make all users aware of practices specified in the use instructions.
8. For outdoor use only. Do not use on slippery surfaces.

Tools:

Spring tool (x1)

M8–M10 Wrench (x1)

M8–M6 Wrench (x1)

Recommended:

Trampoline Parts

Parts	Quantity
Frame tube with two drilled holes	4
Frame tube (no drilled holes)	4
T socket	8
Base leg	4
Vertical leg	8
Stabilizer	4
Spring	56
Jumping mat (bed)	1
Frame/spring pad	1

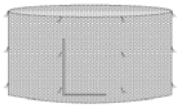
Parts	Quantity
M8 x 50 bolt T-socket	16
M8 Acorn lock nut T-socket	16
M6 x 15 screw Leg tube & base leg	8
M8 x 55 bolt Stabilizer	8
Stabilizer end cap	8
M6 x 35 bolt Stabilizer end cap	8
M6 Acorn lock nut Stabilizer end cap	8

Arch Parts

Parts	Quantity
Arch tube #1	3
Arch tube #2	1
Arch tube #3	8
Arch tube #4	3
Arch tube #5	3
Arch tube #6	3
Arch tube #7	1
Arch tube #8	1
Arch tube #9	1
Long hinge	2
Short hinge	6
Long hinge cover	2
Short hinge cover	6

Parts	Quantity
M8 x 40 bolt Hinge	8
M8 lock nut Hinge	8
M10 x 50 bolt Hinge	8
M10 lock nut Hinge	8
Knob	4
M8 x 65 bolt	4
M6 x 15 Arches	40
Foam sleeve	20
Foam sleeve cover	20

Enclosure

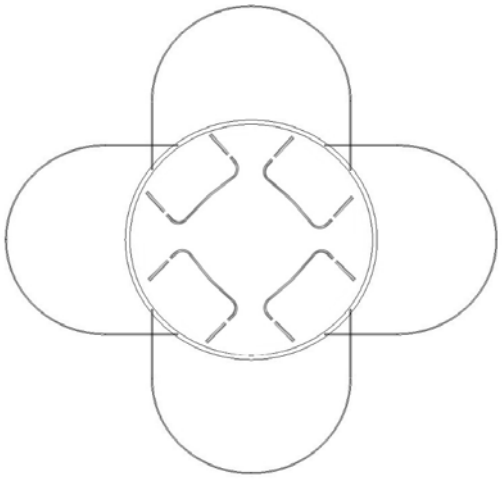
Parts	Quantity
Enclosure net 	1
Elastic Cord	1

Ladder Hardware

Parts	Quantity
M6 x 15 screw	2
M6 x 35 bolt	4
M6 washer	4
M6 lock nut	4

Trampoline Diagram:

10 foot model
4 legs, 4 arches



ASSEMBLY INSTRUCTIONS

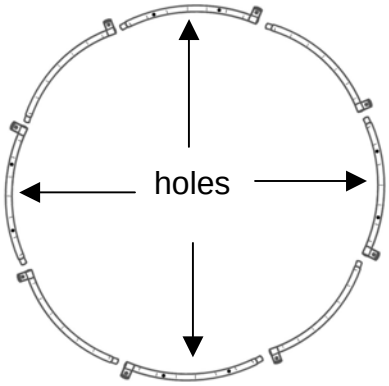
SFT10 Model

1 Assemble legs by inserting vertical tubes into base tubes. Secure with M6 x 15 screws.

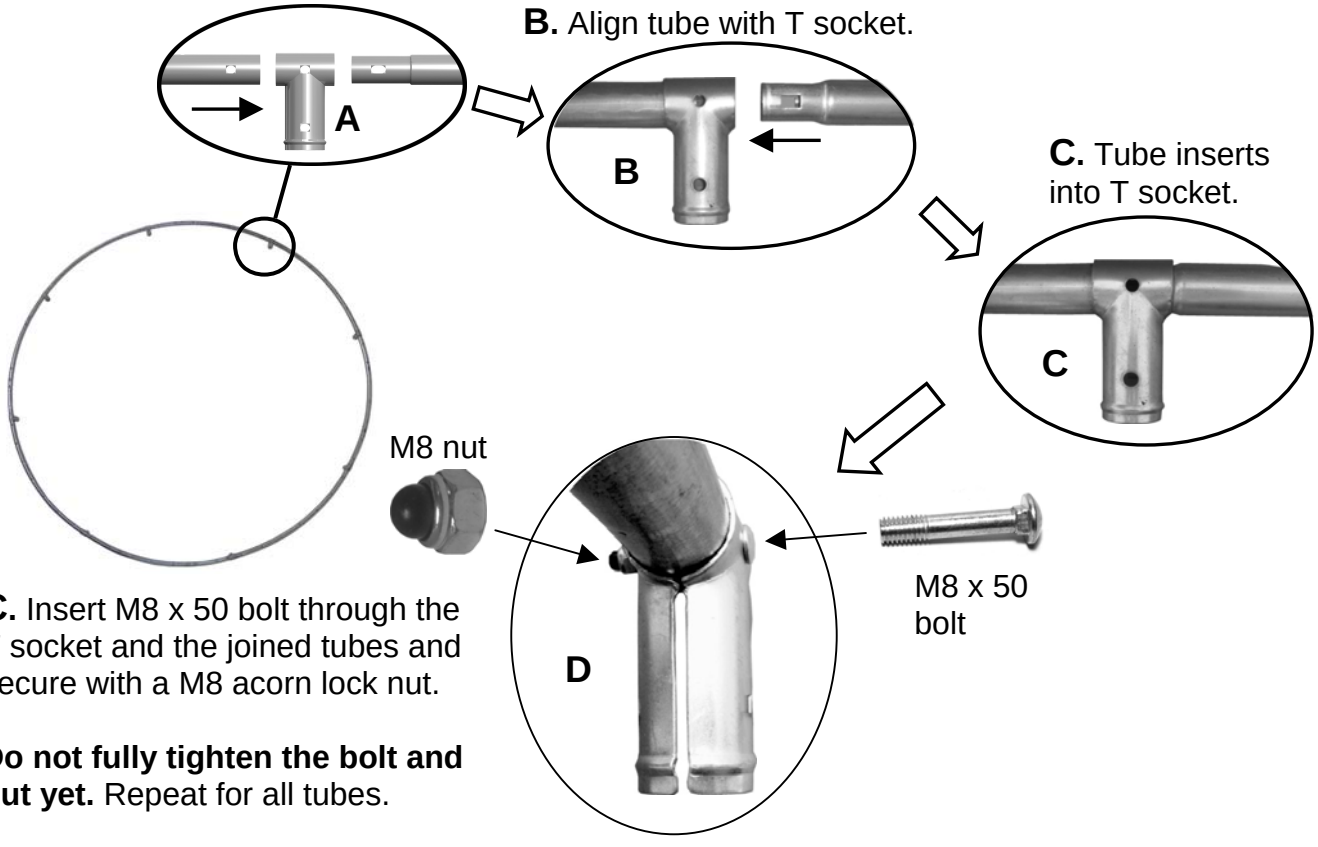
M6 x 15 screw

2 Lay out frame tubes as indicated.

Alternate the tubes with drilled holes with tubes that do not have holes.



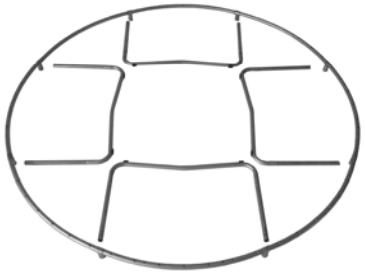
3 Insert frame tubes into each other to form the main trampoline frame.



C. Insert M8 x 50 bolt through the T socket and the joined tubes and secure with a M8 acorn lock nut.

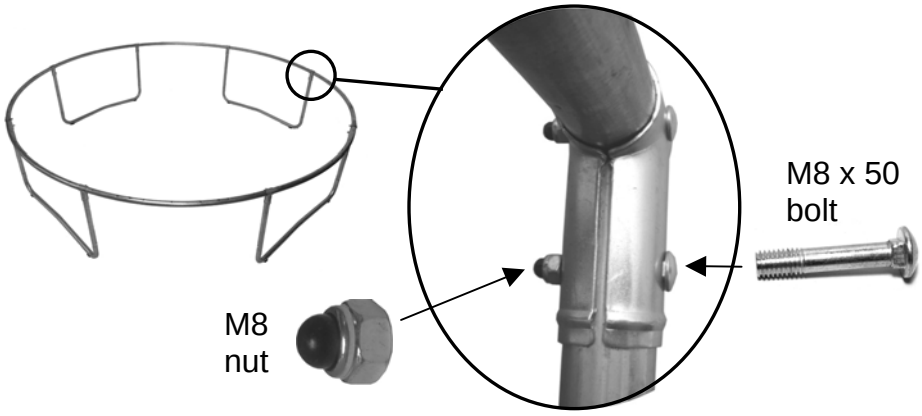
Do not fully tighten the bolt and nut yet. Repeat for all tubes.

4 Position legs next to leg T-sockets.

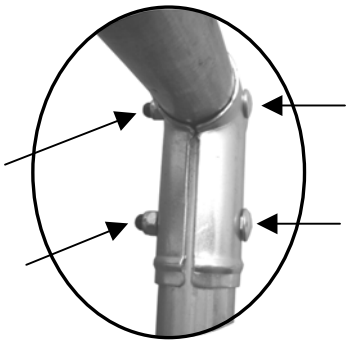


5 Insert legs into T-sockets on frame.

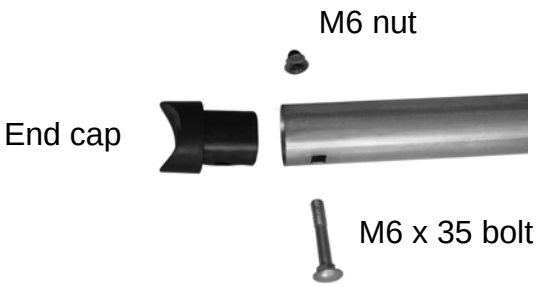
Secure legs to T sockets with M8 x 50 bolts and M8 acorn lock nuts.



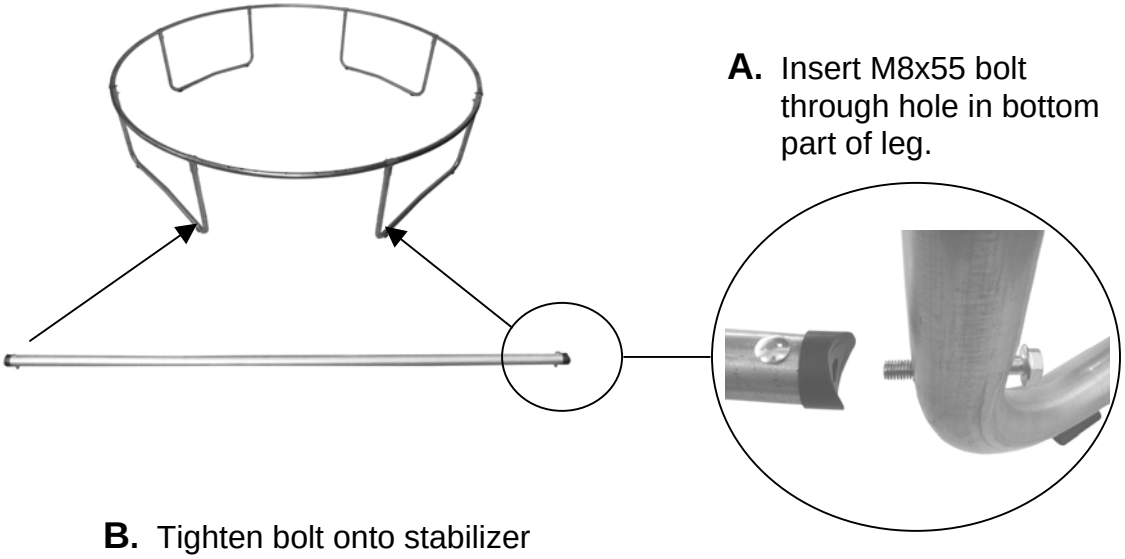
6 Fully tighten all nuts and bolts on the main frame and legs.



7 Attach black end caps to each end of the stabilizers with the M6 x 35 bolts and M6 nuts .

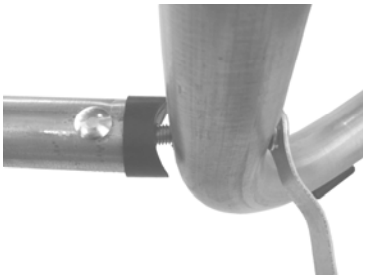


8 Install one stabilizer on a set of legs.

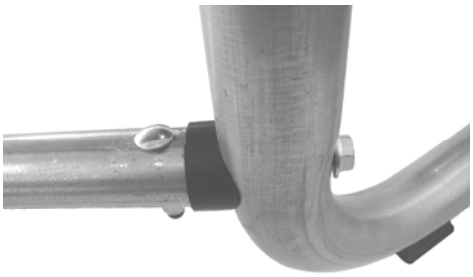


A. Insert M8x55 bolt through hole in bottom part of leg.

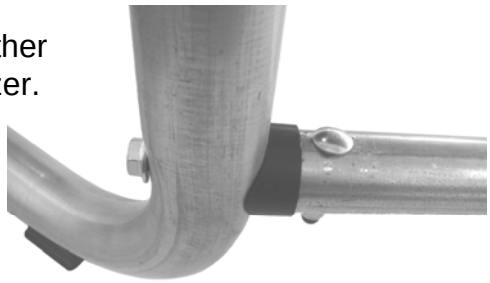
B. Tighten bolt onto stabilizer end with wrench.



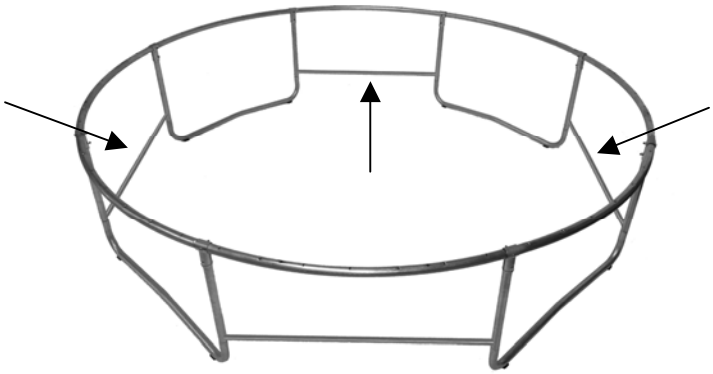
C. Stabilizer is attached to one leg.



D. Repeat for other end of stabilizer.



Attach three remaining stabilizers.



WARNING: Springs can be very dangerous.

Do not install springs opposite any person or pet in the event the spring slips while installing or is not properly seated in the frame tube spring slot.

Ensure you have a firm grip on the spring and the spring installation tool is firmly holding the spring before you stretch the spring.

Ensure springs have seated fully into slots on frame.

Note: We strongly recommend the use of gloves.

Each spring has two different ends!

The partially closed spring end attaches to the bed as depicted in figure 1.

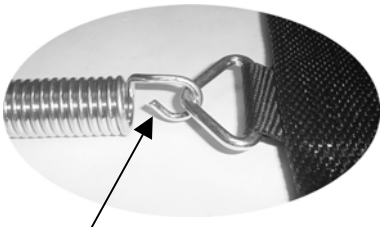


Fig. 1

The open spring end attaches to the frame. Do not attach it to the bed as depicted in figure 2.

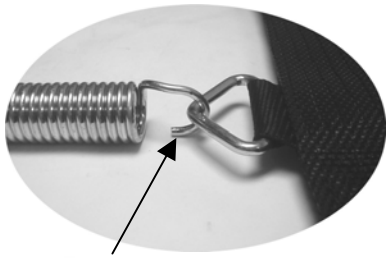
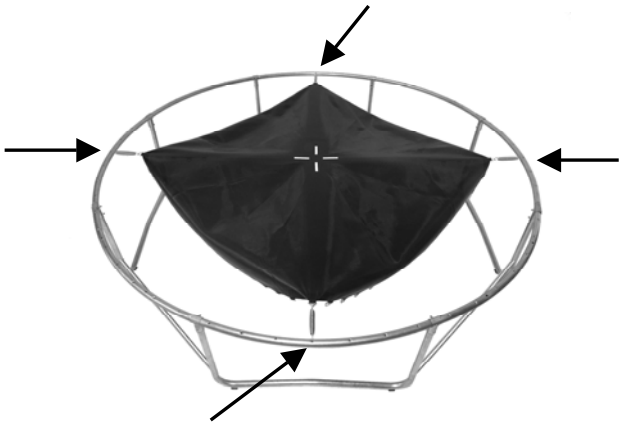


Fig. 2

Use spring installation tool to install springs.

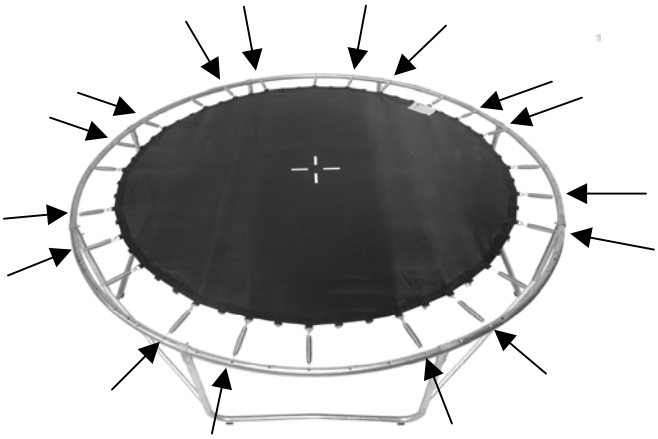
9 With the warning label facing up, evenly attach the bed to the frame with 4 springs.

Warning Label must be able to be read by users.

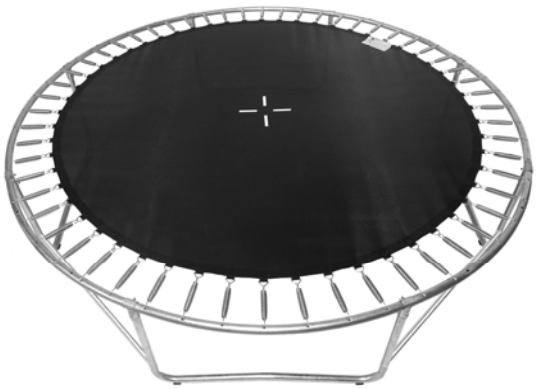


10 Evenly attach four additional springs around the bed.

11 Evenly attach sixteen additional springs around the bed.



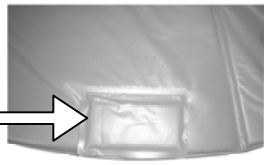
12 Attach remaining springs.



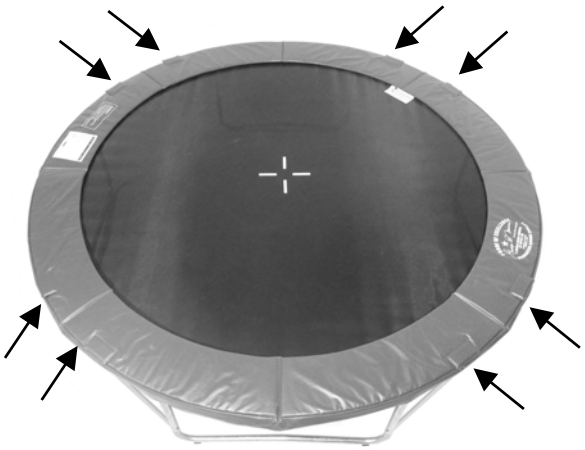
13

Place the pad on the frame. Ensure holes in pad line up with holes in frame.

Hole in pad is covered by flap.



Lift flap to reveal hole in pad.

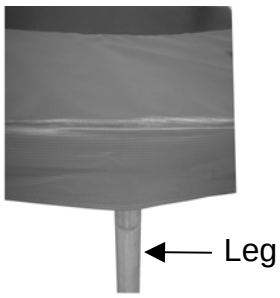


8 holes on pad lined up with 8 holes on frame.

14

Secure pad to frame.

Tie the pad straps to the main frame.



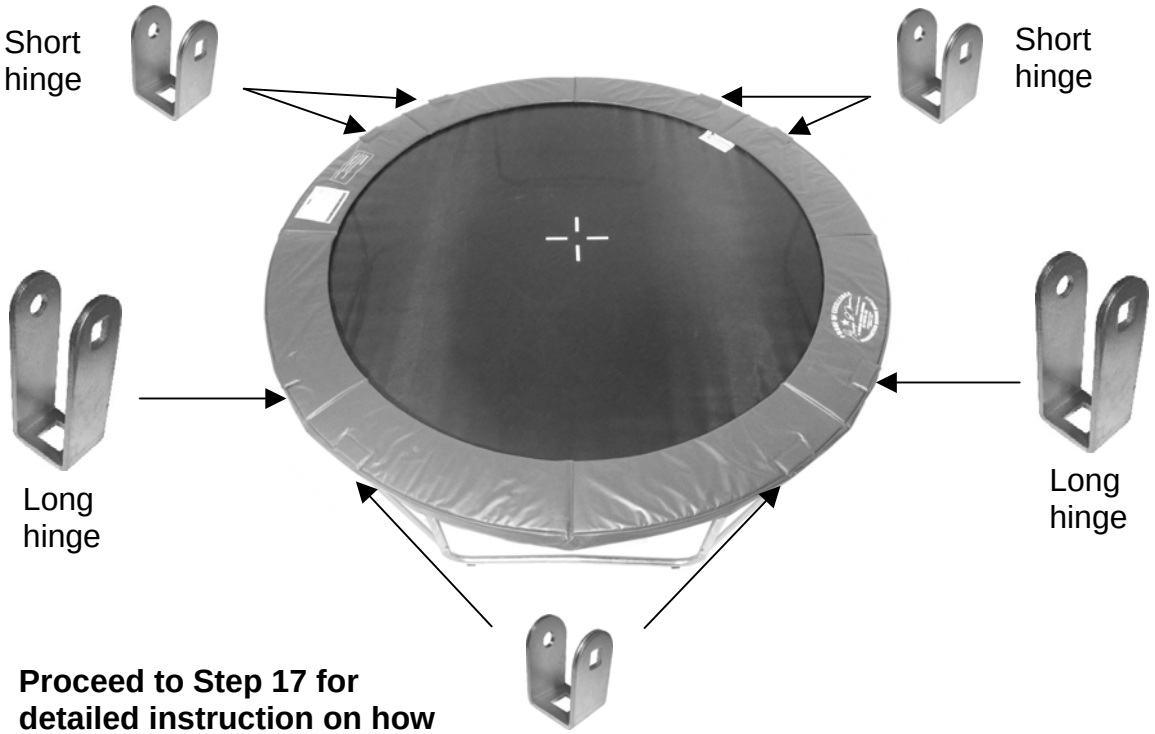
Cover frame with pad apron.

15

Finished with trampoline frame assembly.

16 ARCH ASSEMBLY

Long and short hinges attach to the frame at the indicated positions.



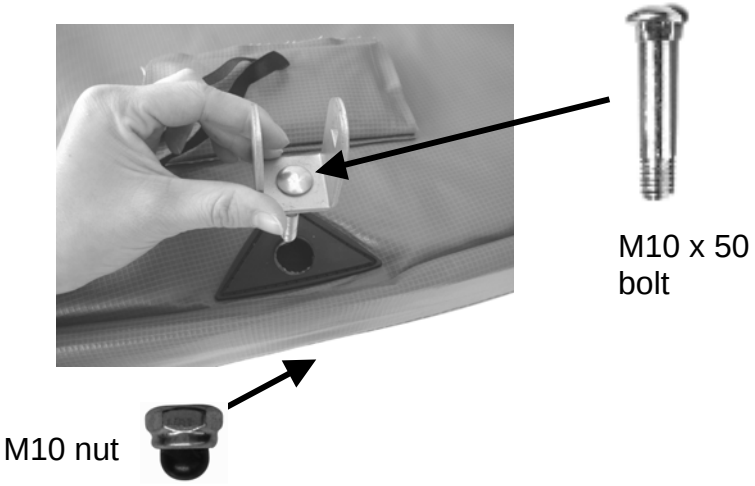
Proceed to Step 17 for detailed instruction on how to attach the hinges.

17

Lift the covers on the pad to attach short and long hinges.

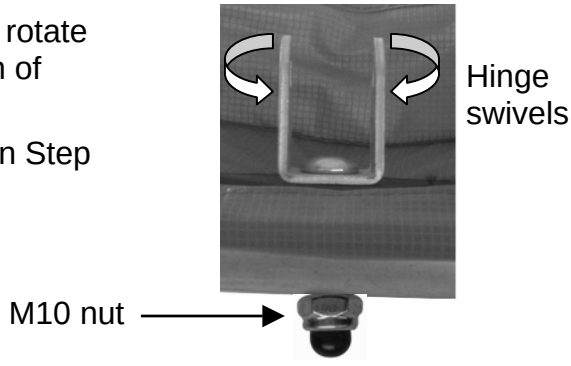
Insert the M10 x 50 bolt through the hinge, pad and frame.

At this time, only hand-tighten the M10 acorn nuts onto the bolt threads. The nuts will be fully tightened in Step 35.

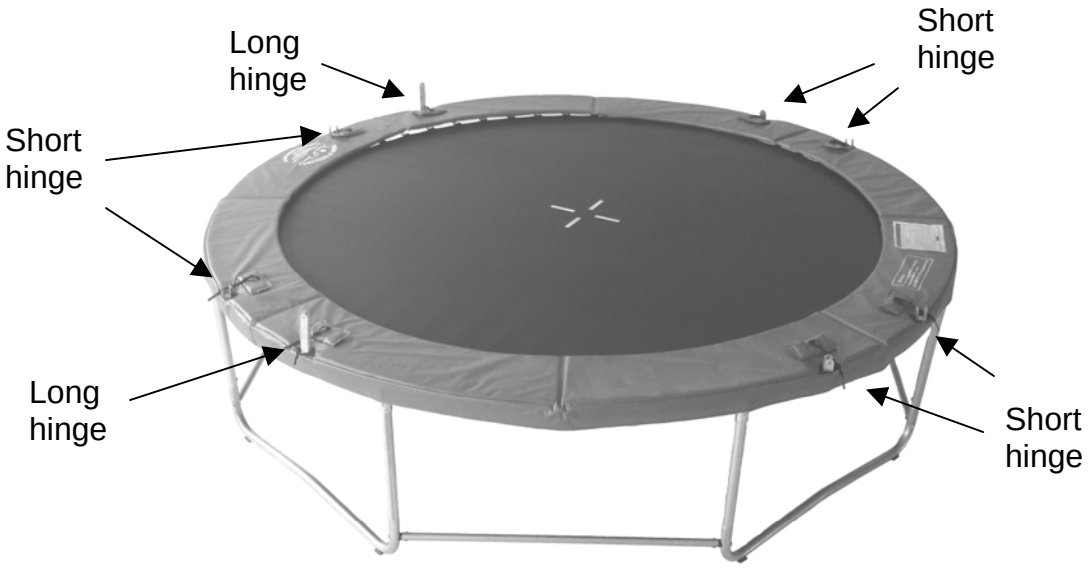


The hinge should be allowed to rotate in place. This makes installation of the arches much easier.

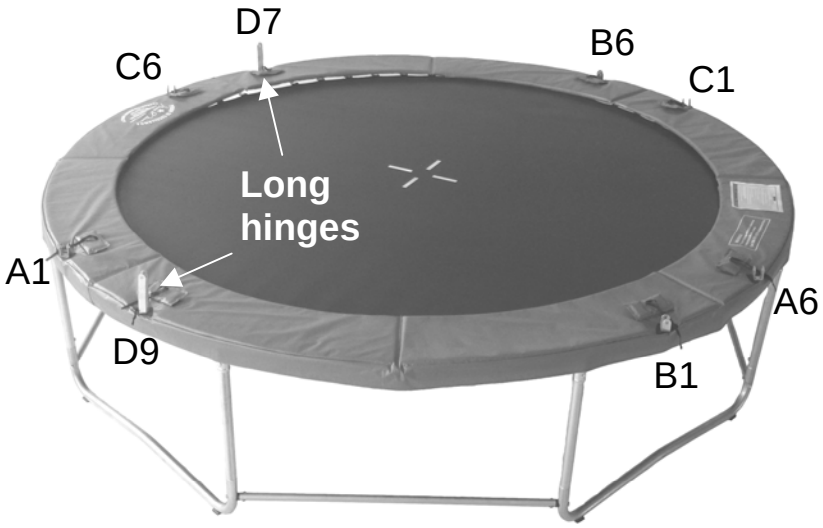
The nuts will be fully tightened in Step 35 after all arches have been installed.



18 Hinges should be attached as indicated.



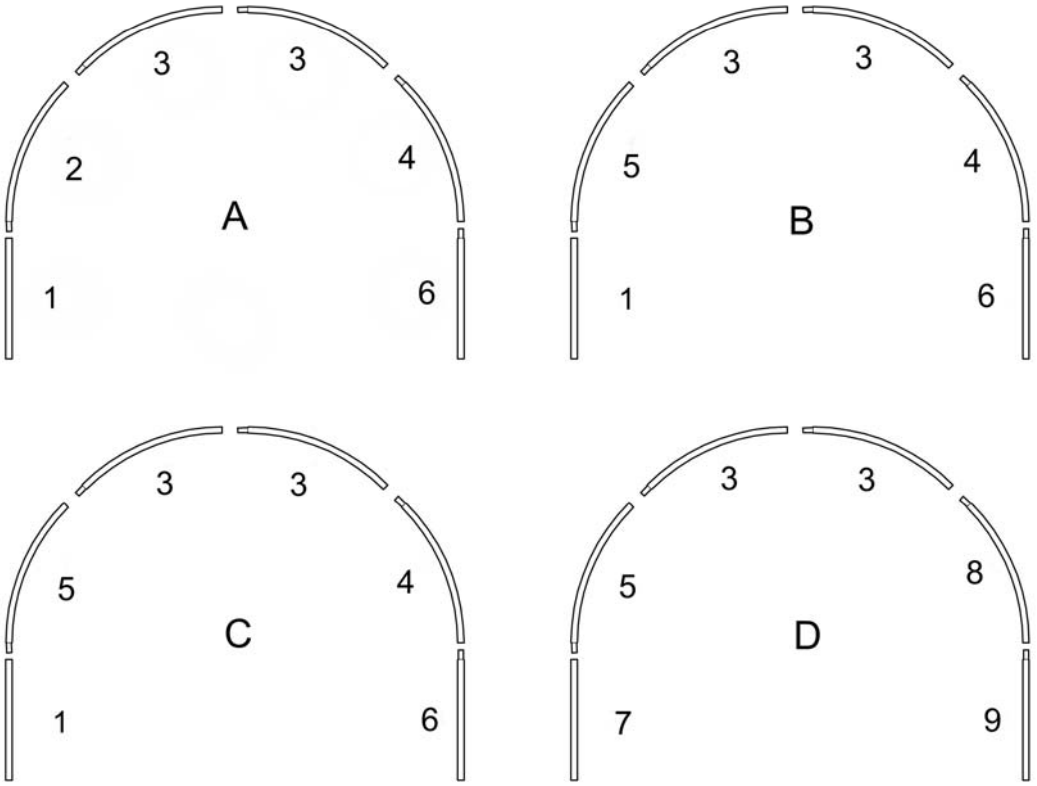
The stickers on the pad should match up with the correct size hinge. D9 and D7 should be long hinges. The remaining hinges are short.



Arch Assembly

This model has four arches, A, B, C, and D. Each arch consists of six tubes. There are nine (9) different types of tubes so it is important that the correct tubes be used to form each arch.

The order of the arch tubes is critical to proper assembly.

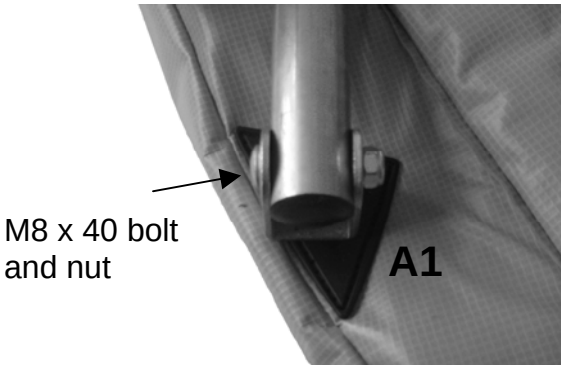


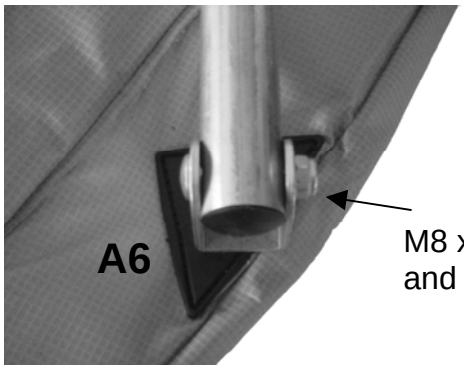
The point where each arch is attached is identified on the pad with stickers. For example, the ends of Arch A consist of tubes 1 and 6; attach tube 1 to point A1 and attach tube 6 to point A6. Arch B attaches to short hinges at point B1 and B6. Arch C attaches to short hinges at point C1 and C6. Arch D attaches to the long hinges. Tube 7 of Arch D attaches to point D7 and tube 9 of Arch D attaches to point D9.

19 **Arch A** Place tubes 1 and 6 on the frame at point A1 and A6. These will attach to short hinges.

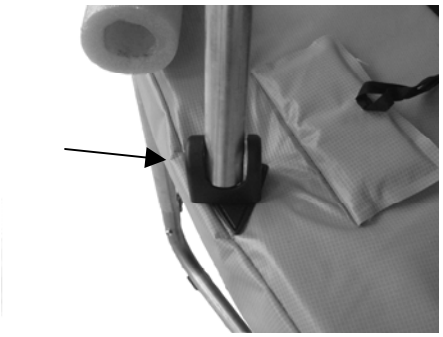
20 Remove the foam from the two tubes and set aside.

21 Attach Tubes 1 and 6 to the short hinges using M8 x 40 bolts and M8 nuts.





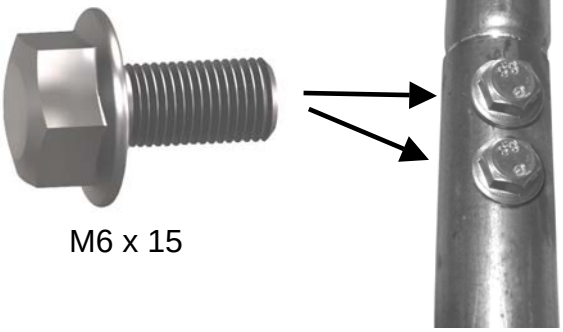
22 Slide a short hinge cover onto the tube and all the way down so as to cover the metal hinge. Repeat for the other side.



23 Slide the foam back onto the tubes.

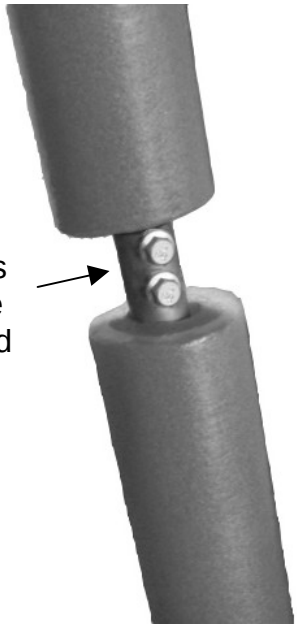
24 Place tubes #2, #3, #3, and #4 on the frame.

25 Attach the six tubes to each other with the M6 x 15 screws.



M6 x 15

The tubes should be connected like this.

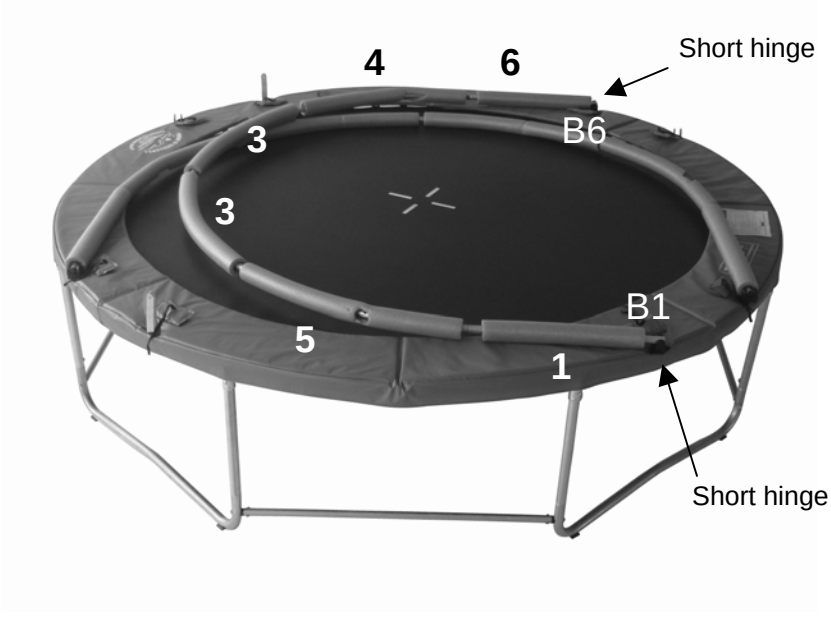


26 Arch A is assembled and should look like this.

27 **Assemble Arch B** following steps 20 through 26.

Arch B will use tubes #1, 5, 3, 3, 4, and 6 in that order.

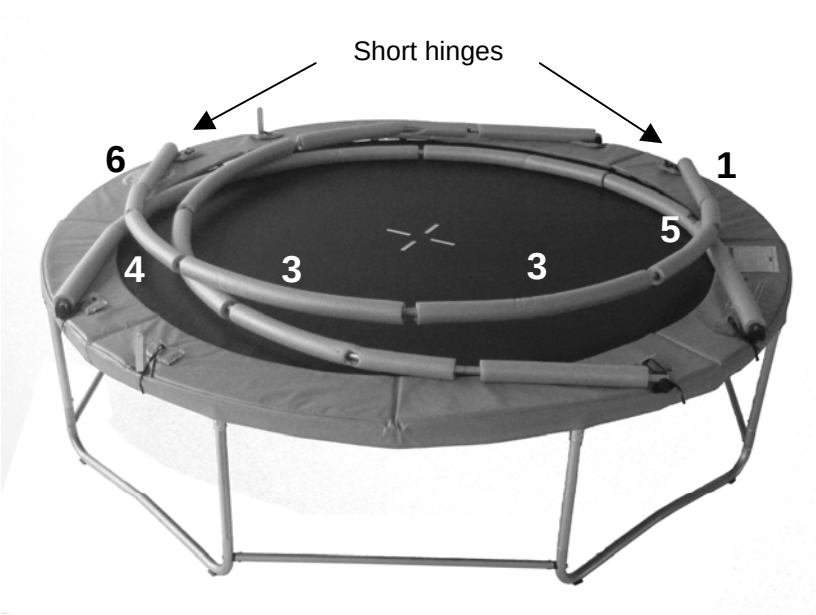
Tubes 1 & 6 will attach to short hinges at point B1 and B6.



28 **Assemble Arch C** following steps 20 through 26.

Arch C will use tubes #1, 5, 3, 3, 4, and 6 in that order.

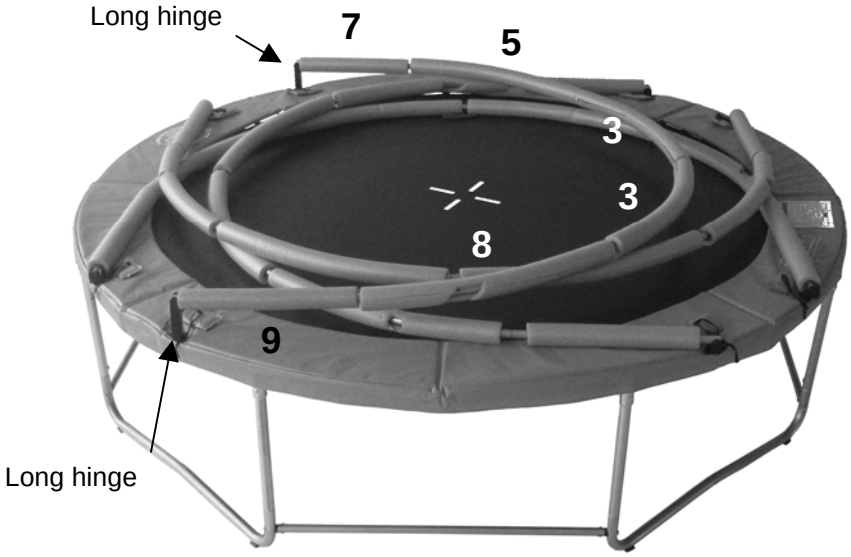
Tubes 1 & 6 will attach to short hinges at point C1 and C6.



29 **Assemble Arch D** following steps 20 through 26.

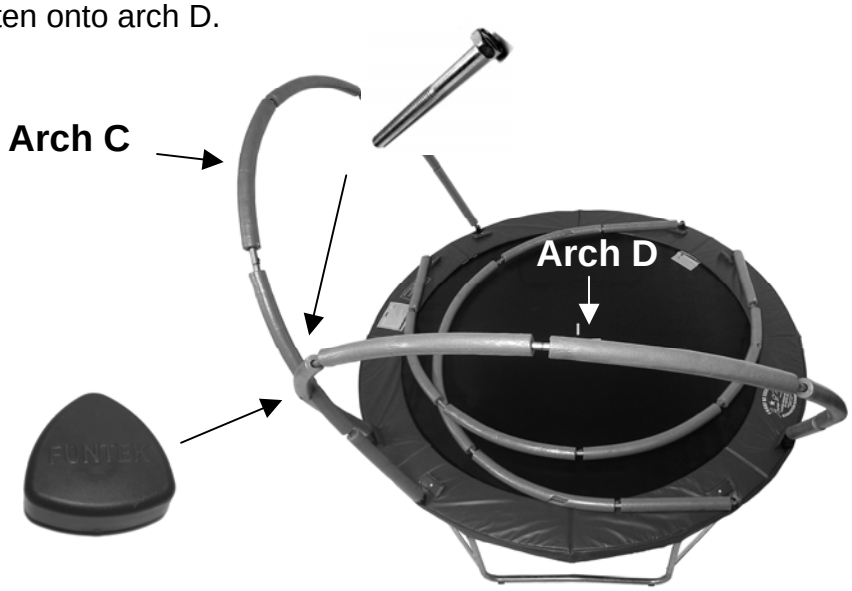
Arch D will use tubes #7, 5, 3, 3, 8, and 9 in that order.

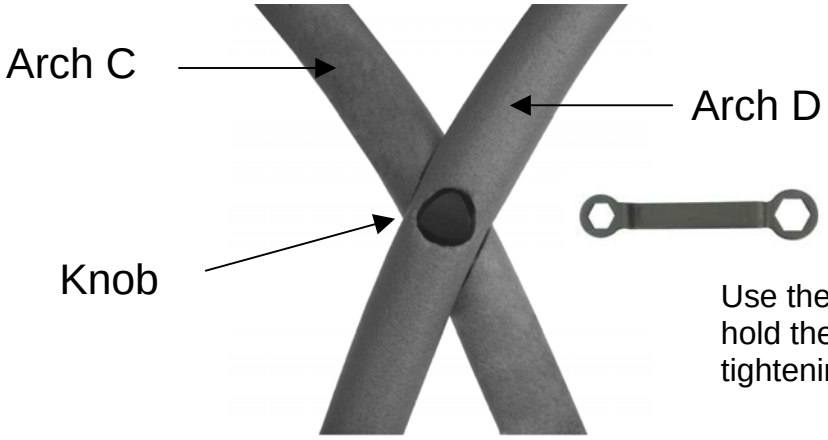
Tubes 7 & 9 will attach to long hinges at point D7 and D9.



This is a view of arch D with a long hinge cover in place.

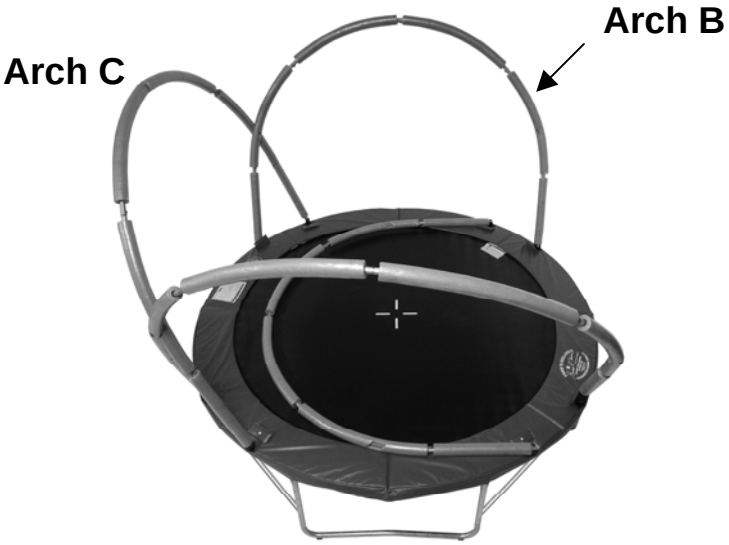
30 Raise arch D and arch C and connect them to each other using the M8 x 65 bolt and knob. Insert the bolt through arch C and through arch D. The knob will tighten onto arch D.



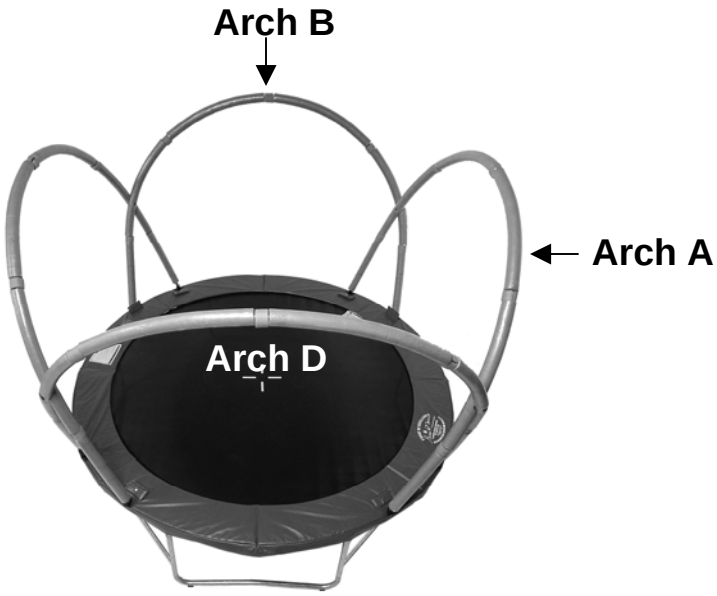


Use the wrench to hold the bolt while tightening the knob.

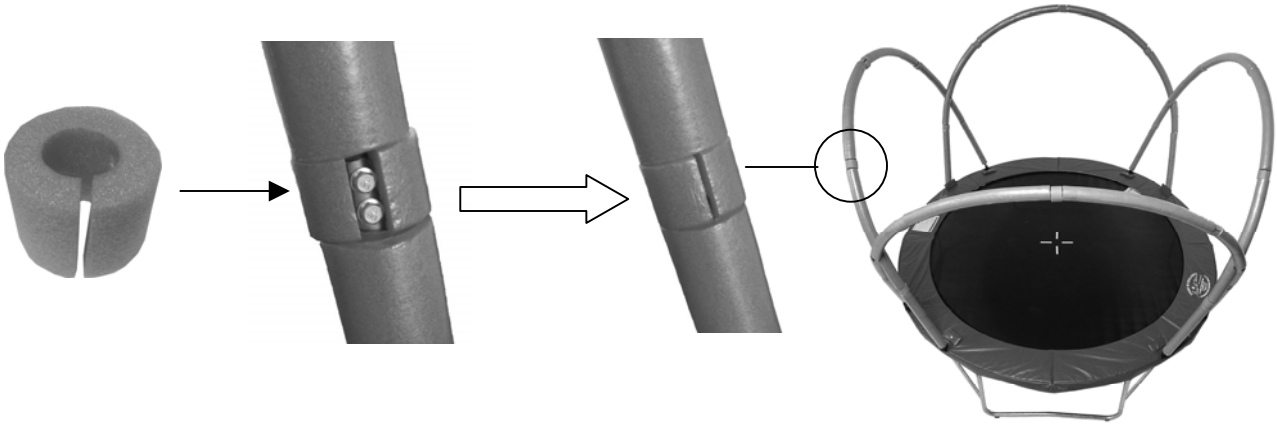
31 Raise arch B and connect it to arch C using the M8 x 65 bolt and knob. Insert the bolt through arch B and through arch C. The knob will tighten onto arch C.



32 Raise arch A and connect it to arch B and arch D using the M8 x 65 bolts and knobs.



33 Cover all the arch tubes where they are joined with the 20 foam sleeves.

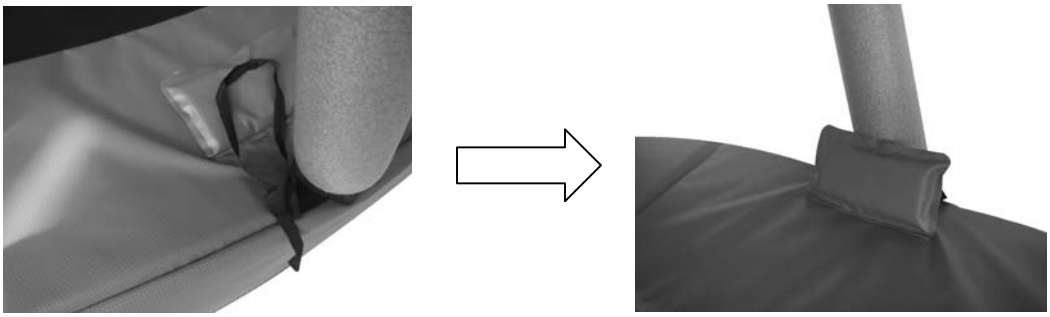


34 Cover the short foam sleeves on the arches with the sleeve covers. Attach with the Velcro material.

35 ATTENTION: Tighten all M10 x 50 bolts and M10 nuts on all eight (8) enclosure hinges. These must be securely fastened to the main frame.

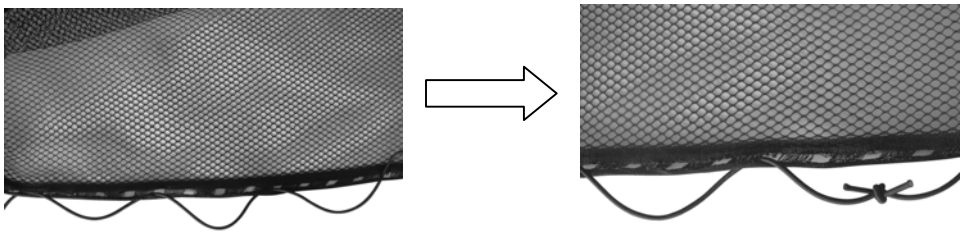
WARNING: Neglecting to tighten these nuts and bolts could result in failure of the enclosure system and possible harm to participants.

36 Tie the straps attached to the flaps on the trampoline frame pad to each arch. Each flap should be attached to one arch.



Installing the enclosure net.

37 Weave the elastic cord through every fourth hole at the bottom of the enclosure net. Tie the two ends together. The bottom of the enclosure net should form a circle.



38 Attach one strap of the enclosure to the arch as shown.

39 Attach a second strap of the enclosure to the arch.

40 Attach a third and fourth strap of the enclosure to the arch.

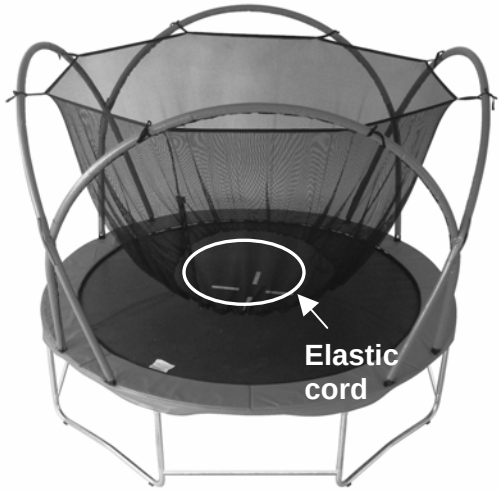
41 Attach a fifth and sixth strap of the enclosure to the arch.

42 Attach a seventh and eighth strap of the enclosure to the arch.

The elastic cord is designated in white.

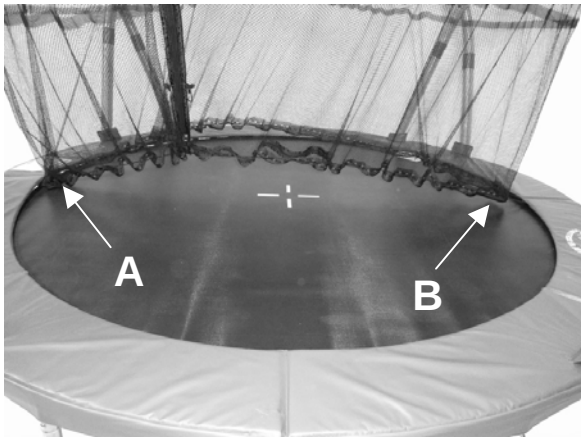
The cord is woven through the entire bottom half of the enclosure.

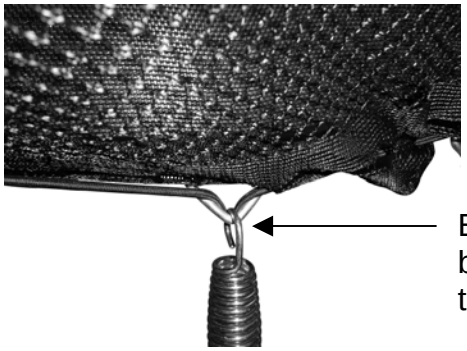
The bottom of the enclosure forms a circle.



43 A. Pull one side of the enclosure to the edge of the pad and trampoline bed and connect it to a spring end using the elastic cord.

B. Pull the opposite side of the enclosure to the edge of the pad and trampoline bed and connect it to a spring end using the elastic cord.

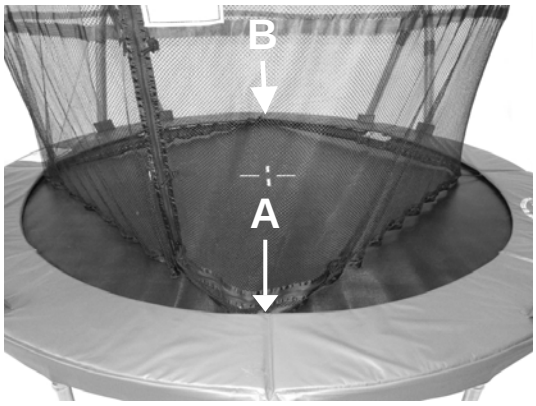




Elastic cord must be looped around the spring end.

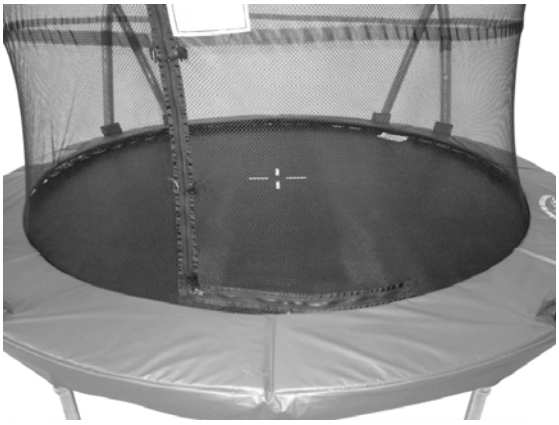
44 A. Pull another side that is equal distance from the already attached sides to the edge of the pad and trampoline bed and connect it to a spring end using the elastic cord.

B. Attach the elastic cord to the opposite side (B).



45 Continue to attach the elastic cord to the spring ends alternating sides. Attach to approximately every third or fourth spring.

Enclosure should be securely attached to the trampoline bed.



46 Assembly of the trampoline and enclosure is complete.

Folding the arches

The arches can be folded down for long-term storage, foul weather, or for safekeeping in the absence of adult supervision.

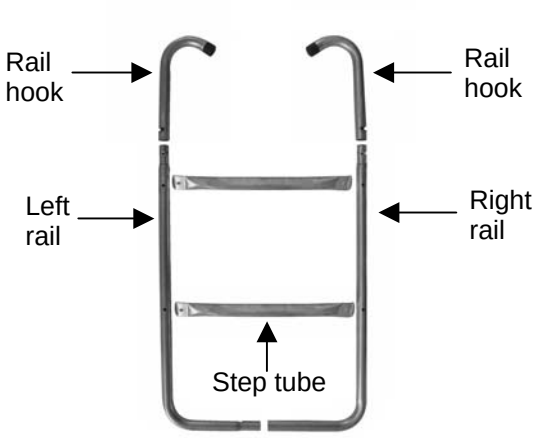
Disconnect the straps at the top of the enclosure from all the arches. The bottom of the enclosure does not need to be disconnected from the bottom of the trampoline.

Remove the knobs and bolts at the cross-sections of the first arch to be folded down. Fold down in reverse order in which the unit was assembled. Repeat for each arch.

WARNING: DO NOT JUMP ON THE TRAMPOLINE WHEN ARCHES ARE FOLDED

Access Ladder (optional accessory)

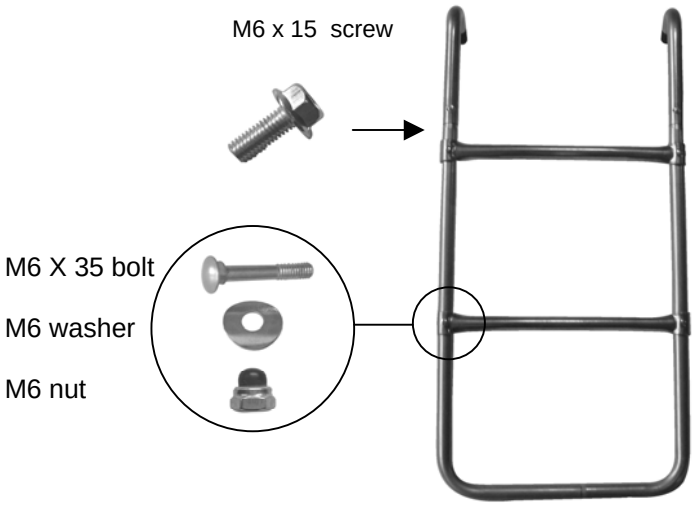
1 Lay out the ladder tubes as shown.



2 Insert the left rail into the right rail.

Connect the step tubes to both rails using the M6 x 35 bolts, M6 washer and M6 nuts.

Connect the rail hooks to the rails using the M6 x 10 screws.



Weather cover (optional accessory)

Harsh climates can shorten the life of any product. Covering the bed and frame pad will help your trampoline last longer.

During prolonged periods of harsh weather or non-use: Lower the enclosure net to the jumping mat. Fold the arches down. Cover the trampoline, arches, and enclosure net with the weather cover. Secure the cover around the frame with the straps.

WARNING Do not jump on the trampoline in this configuration.

Weather cover folded up for storage.

WARNING

- **Do not attempt or allow somersaults (flips).**
- **Do not land on head or neck.**
- **Paralysis, death or serious injury can result even if you land in the middle of the trampoline bed (mat).**

- **Do not allow more than one person on the trampoline.**
- **Multiple jumpers increase chances of loss of control, collision and falling off.**
- **This can result in broken head, neck, back or legs.**

Use trampoline only with mature, knowledgeable supervision.

This trampoline is not recommended for children under 6 years of age.

BASIC SKILLS

The most important thing when jumping on a trampoline is to **STAY IN CONTROL!**

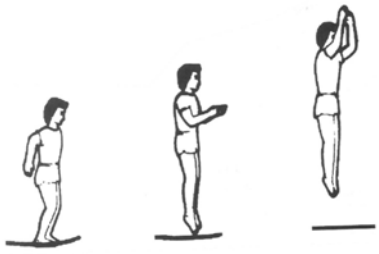
Staying in control is critical to jumping in the middle of the bed, the place you want to be.

The most important basic skill is knowing how to stop your bounce. To practice, while jumping low, bend your knees sharply upon landing and absorb the upward force of the jumping mat. This will weaken the bounce. Do this if you begin to lose control.

Never jump off of the trampoline, stop jumping and then climb off. Why? While jumping, a person feels light and thinks they can easily jump off the trampoline onto the ground. This can result in serious injury because the person still weighs the same and the gravity force has not changed.

Basic Bounce

1. Stand straight, head erect and eyes on the mat.
2. Swing arms forward and up.
3. Push off mat, bring feet together and point toes downward while in the air.
4. Keep feet about 15 inches apart for stability when landing on the mat.

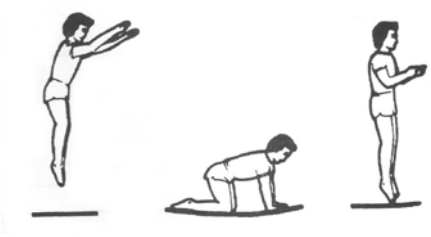


Knee Drop

1. Start from low bounce.
2. Land on knees keeping back straight and body erect.
3. Rebound up to starting position.

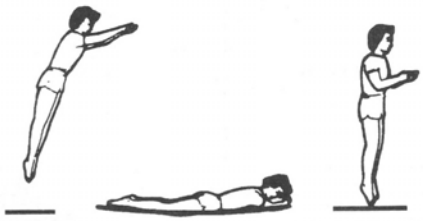
Hand and Knee Drop

1. Start from low bounce.
2. Land on hands and knees.
3. Push off with hands to return to starting position.



Front Drop

1. Start from low bounce.
2. Land in prone position with arms forward, elbows bent and hands close together. The arms form a triangle and palms touch the mat.
3. Push off and rebound to starting position.



Seat Drop

1. Start from low bounce.
2. Pick feet up so as to land on your seat. Place hands next to hips, palms down, fingers pointing forward, legs straight out in front of you.
3. Push with hands to assist with rebound.